



DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND, MID-ATLANTIC
9742 MARYLAND AVENUE
NORFOLK, VA 23511-3095

5090
OPTE3/18
11 JAN 2013

Michael J. Boufis
Superintendent
Bethpage Water District
25 Adams Avenue
Bethpage, NY 11714

Subj: YEAR-ROUND OPERATION OF BETHPAGE WATER DISTRICT PLANT NO. 6 TO
TREAT WELL 6-2 EXTRACTED GROUNDWATER

Dear Mr. Boufis:

As discussed in a telephone conversation with Navy personnel on December 13, 2012, the United States Environmental Protection Agency (EPA), New York State Department of Environmental Conservation (NYSDEC), Northrop Grumman Corporation (NGC), and the Department of the Navy (Navy) met on November 29, 2012 to continue ongoing discussions about the Bethpage OU-2 groundwater plume. At this meeting, short-term strategies for mitigating impacts from OU2 groundwater that could be quickly implemented were evaluated, including year-round operation of Bethpage Water District (BWD) Plant No. 6 to treat groundwater extracted from BWD Well 6-2. Meeting participants noted that the BWD Plant No. 6 treatment system has treated BWD Well 6-2's extracted groundwater to achieve federal drinking water standards, as well as the more stringent Water District goal of "non-detect" at 0.5 ug/L.

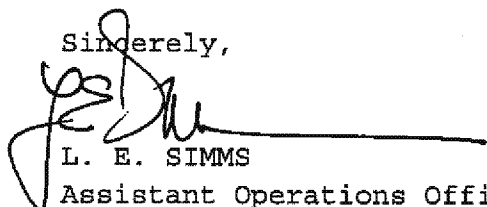
As you have reported, trichloroethene (TCE) at concentrations of approximately 1,000 micrograms per liter (1 part per million) or higher have been identified in untreated groundwater from BWD Well 6-2. EPA, NYSDEC, NGC and Navy concurred at the November 2012 meeting that immediate and sustained year-round operation and treatment of BWD Well 6-2 could result in a timely and significant reduction of these TCE concentrations, which may otherwise migrate to the south. Year-round operation would therefore optimize the beneficial use of the existing Plant 6 treatment system.

Implementation of sustained, year-round operation of BWD Well 6-2 is expected to involve technical, administrative, regulatory and financial issues that would need to be resolved. These issues include

the use of treated water to meet customer demand, discharge of any excess treated water, notifications or approvals by other regulatory agencies (e.g., New York State and Nassau County Departments of Health) that may be required, and calculation of the incremental costs associated with increased pumping.

At the request of meeting participants, the Navy agreed to initiate the discussions with BWD on this approach with the goal of initiating full time operation of BWD Well 6-2 as soon as practical and preferably before May 2013. We welcome BWD's input and would like to set up a technical meeting that includes the Navy, NGC and BWD during the week of February 5, 2013, to discuss these issues.¹ Please contact Mrs. Lora Fly, Remedial Project Manager, at (757) 341-2012 or at lora.fly@navy.mil to advise of your availability. Thank you, in advance.

Sincerely,



L. E. SIMMS

Assistant Operations Officer
By direction
Of the Commanding Officer

Copy to:
NYSDEC, Steve Scharf
EPA, Carol Stein
NGC, Ed Hannon
H&S, Al Taormina
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¹ Please note that any discussions on this topic are completely separate from the ongoing confidential discussions between BWD and the Navy regarding BWD's wellhead treatment claim.